

**IOS, DMS, and MSS changes for DID 304 rejection based on RTM RELB\_CDR\_030196**

These changes address the following issues:

The 304 comment pending on "DAR only for ASTER"

Moving subscription requirements of ADSRV to Release B from A.

The missing trace for the GTWAY - NOAA guide results (no parent for S-DMS-31120).

EOSD1600#B had no SCDO L4 coverage - added same MSS L4 link as EOSD1600#A

The following changes were made since the original submission:

- 1) S-IOS-00680 had the same text both underlined and struckthru - corrected to strikethru only

**Table 1: Reference table**

L4 ID	Rel	RTM Key	L4 Text	Clarification	Req Type	RbR ID	RTM key	RbR Text	RbR Type	Interpretation
S-IOS-00640	A <u>B</u>	2808	The ADSRV CI shall support interactive information management capabilities for users to add a Subscription to be informed of changes in the Advertisements.		functional	IMS-0600#B	5175	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00640						IMS-0600#A	5517	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	

S-IOS-00640						<u>IMS-0670#B</u>	5198	The IMS shall provide the capability to accept, validate, and fill orders from users for periodic delivery of information stored at the IMS.	functional	
S-IOS-00650	A	-2809	The ADSRV CI shall support interactive information management capabilities for users to cancel a Subscription		functional	IMS-0600#B	5175	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00650						IMS-0600#A	5517	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00660	A	-2810	The ADSRV CI shall support Subscription Update Requests.		functional	IMS-0600#B	5175	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00660						IMS-0600#A	5517	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00670	A B	2811	The ADSRV CI shall be capable of obtaining the current Subscription Notification. <u>register the subscribable events with the subscription server.</u>		functional	IMS-0600#B	5175	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00670						IMS-0600#A	5517	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00670						<u>IMS-0670#B</u>	5198	The IMS shall provide the capability to accept, validate, and fill orders from users for periodic delivery of information stored at the IMS.	functional	

S-IOS-00680	A B	2812	The ADSRV CI shall provide attributes of the identified Subscription(s) in the format specified by the output specifications, e.g., as text document(s), hyperlink document(s) or a set of data records to the subscription service the <u>universal references of the inserted, modified, or deleted advertisement, so that the user can use this to retrieve the affected advertisement.</u>		functional	IMS-0600#B	5175	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00680						IMS-0600#A	5517	The IMS shall provide the capability to search a directory of information that describes whole EOSDIS, non-EOSDIS, and ADC earth science data sets.	interface	
S-IOS-00680						IMS-0670#B	5198	The IMS shall provide the capability to accept, validate, and fill orders from users for periodic delivery of information stored at the IMS.	functional	
S-DMS-20900	B	-8574	The DDICT CI shall maintain DAR parameters and DAR parameter constraints provided by EOC and External Instrument Operations Facilities (e.g. Landsat-7).		functional	IMS-1190#B	5315	The IMS shall validate DAR parameters against EOC and ICC provided constraints.	interface	
S-DMS-20900						IMS-1195#B	5317	The IMS shall validate DAR parameters against constraints provided by external instrument operations facilities (e.g. ASTER) as applicable and in accordance with applicable MOUs.	interface	

S-DMS-23910	B	-8580	The Data Dictionary shall maintain <del>ASTER DAR parameters and ASTER DAR parameter constraints</del> provided by the ASTER instrument operations facilities.		functional	IMS-0120#B	4961	The IMS shall provide, dependent upon the user's display device capabilities, a user-friendly interface with the following features at a minimum: a. Multiple window display b. Buttons and pull down menus c. Valid lists for all variables d. An information base of associations between variables (e.g., between instruments and geophysical parameters) e. Ability to restore a session after interruption f. Context-sensitive help g. Minimal and consistent use of non-standard keys h. Random movement through fields i. Capability to save and restore the contents of a menu or form j. Standardized use of commands and terminology across screens k. Self-explanatory, meaningful error messages l. Automatic acronym expansion, which can be enabled and disabled interactively m. Availability of a menu tree diagram n. Command language	functional	B: VALID LISTS FOR VARIABLES FOR ASTER PRODUCTS BECOME AVAILABLE
<u>S-IOS-00855</u>	B	new	<u>The ADSRV CI shall maintain ASTER DAR parameters and DAR parameter constraints as specified in the service advertisement for the DAR services.</u>		<u>functional</u>	<u>IMS-1190#B</u>	5315	The IMS shall validate DAR parameters against EOC and ICC provided constraints.	interface	
<u>S-IOS-00855</u>						<u>IMS-1195#B</u>	5317	The IMS shall validate DAR parameters against constraints provided by external instrument operations facilities (e.g. ASTER) as applicable and in accordance with applicable MOUs.	interface	

S-DMS-31120	B	8646	The GTWAY CI shall have the capability to send Guide query results to the NOAA SAAs using Version 0 protocols.		interface	<u>NOAA0230#B</u>	<u>new</u>	<u>The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Query Results.</u>	<u>interface</u>	
C-MSS-10100	A	148	The MSS shall interface with the EDOS to exchange data identified in Table 5.1-1 as specified in EDOS/EGS IRD, 560-EDOS-0211.			<u>EOSD1600#B</u>	3864	The ECS elements that interface with EDOS elements shall exchange element level status data with EDOS.	interface	B: OTHER EDOS/EOC STATUS (AS APPLICABLE). STATUS EXCHANGES BETWEEN GSFC + LARC DAACS & EDOS; ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS.

**Table 2: LEVEL\_4 changes**

<b>L4 ID</b>	<b>Rel</b>	<b>RT M Key</b>	<b>L4 Text</b>	<b>Clarification</b>	<b>Req Type</b>
S-IOS-00640	A <u>B</u>	2808	The ADSRV CI shall support interactive information management capabilities for users to add a Subscription to be informed of changes in the Advertisements.		functional
S-IOS-00650	A	2809	The ADSRV CI shall support interactive information management capabilities for users to cancel a Subscription		functional
S-IOS-00660	A	2810	The ADSRV CI shall support Subscription Update Requests.		functional
S-IOS-00670	A <u>B</u>	2811	The ADSRV CI shall be capable of obtaining the current Subscription Notification. <u>register the subscribable events with the subscription server.</u>		functional
S-IOS-00680	A <u>B</u>	2812	The ADSRV CI shall provide attributes of the identified Subscription(s) in the format specified by the output specifications, e.g., as text document(s), hyperlink document(s) or a set of data records to the subscription service <u>the universal references of the inserted, modified, or deleted advertisement, so that the user can use this to retrieve the affected advertisement.</u>		functional

S-DMS-20900	B	8574	The DDICT CI shall maintain DAR parameters and DAR parameter constraints provided by EOC and External Instrument Operations Facilities (e.g. Landsat-7).		functional
S-DMS-23910	B	8580	The Data Dictionary shall maintain ASTER DAR parameters and ASTER DAR parameter constraints provided by the ASTER instrument operations facilities.		functional
<u>S-IOS-00855</u>	<u>B</u>	<u>new</u>	The ADSRV CI shall maintain <u>ASTER DAR parameters and DAR parameter constraints as specified in the service advertisement for the DAR services.</u>		<u>functional</u>

**Table 3: REQ\_BY\_REL changes**

RbR ID	RT M key	RbR Text	RbR Type	SEGMENT ALLOCATION	Interpretation	functionality status	REL	REQ_TITLE
NOAA0230#B	new	The ECS shall have the capability to send and the SAAs shall have the capability to receive Guide Query Results.	interface	SDPS		fully met	B	ECS send guide results

**Table 4: RBR\_TO\_L4 links to be added**

RbR ID	L4 ID
IMS-0670#B	S-IOs-00640
IMS-0670#B	S-IOs-00670
IMS-0670#B	S-IOs-00680
IMS-1190#B	S-IOs-00855
IMS-1195#B	S-IOs-00855
NOAA0230#B	S-DMS-31120
EOSD1600#B	C-MSS-10100

**Table 5: RBR\_TO\_L4 links to be deleted**

RbR ID	L4 ID
IMS-0600#B	S-IOs-00640
IMS-0600#A	S-IOs-00640
IMS-0600#B	S-IOs-00650
IMS-0600#A	S-IOs-00650
IMS-0600#B	S-IOs-00660
IMS-0600#A	S-IOs-00660
IMS-0600#B	S-IOs-00670
IMS-0600#A	S-IOs-00670
IMS-0600#B	S-IOs-00680



IMS-0600#A	S-IO5-00680
IMS-1190#B	S-DMS-20900
IMS-1195#B	S-DMS-20900
IMS-0120#B	S-DMS-23910